

9/202,828

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 1-21-00 are:A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) 1-12
2. PHOTOGRAPHS. 37 CFR 1.84 (b)
 Pencil and non black ink not permitted. Fig(s) 1-12
 1 full-tone set is required. Fig(s) 1-12
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) 1-12
 Poor quality (half-tone). Fig(s) 1-12
3. TYPE OF PAPER. 37 CFR 1.84(c)
 Paper not flexible, strong, white, and durable. Fig(s) 1-12
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 1-12
 Mylar, velum paper is not acceptable (too thin). Fig(s) 1-12
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size. Fig(s) 1-12
 Sheet(s) 1-12
 Drawings sheets not an acceptable size. Fig(s) 1-12
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11
 Margins not acceptable. Fig(s) 1-12
 Top (T) 1-12 Left (L) 1-12
 Right (R) 1-12 Bottom (B) 1-12
6. VIEWS. 37 CFR 1.84(h)
 REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2)
 Brackets needed to show figure as one entity. Fig(s) 1-12
 Views not labeled separately or properly. Fig(s) 1-12
 Enlarged view not labeled separately or properly. Fig(s) 1-12
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
 Hatching not indicated for sectional portions of an object. Fig(s) 1-12
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 1-12
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
 Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-12
9. SCALE. 37 CFR 1.84(k)
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 1-12
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i)
 Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-12
11. SHADING. 37 CFR 1.84(m)
 Solid black areas pale. Fig(s) 1-12
 Solid black shading not permitted. Fig(s) 1-12
 Shade lines, pale, rough and blurred. Fig(s) 1-12
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
 Numbers and reference characters not plain and legible. Fig(s) 1-12
 Figure legends are poor. Fig(s) 1-12
 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1). Fig(s) 1-12
 English alphabet not used. 37 CFR 1.84(p)(2). Fig(s) 1-12
 Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 1-12
13. LEAD LINES. 37 CFR 1.84(q)
 Lead lines cross each other. Fig(s) 1-12
 Lead lines missing. Fig(s) 1-12
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) 1-12
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) 1-12
16. CORRECTIONS. 37 CFR 1.84(w)
 Corrections not made from prior PTO-948 dated 1-12
17. DESIGN DRAWINGS. 37 CFR 1.152
 Surface shading shown not appropriate. Fig(s) 1-12
 Solid black shading not used for color contrast. Fig(s) 1-12

COMMENTS

REVIEWER JCDATE 6-6-00

TELEPHONE NO.

7031658430ATTACHMENT TO PAPER NO. 11

323,305/2

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes.

1. DRAWING REVIEW BRANCH	2. EXAMINER
3. DRAWING REVIEW BRANCH	4. EXAMINER
5. DRAWING REVIEW BRANCH	6. EXAMINER
7. DRAWING REVIEW BRANCH	8. EXAMINER
9. DRAWING REVIEW BRANCH	10. EXAMINER
11. DRAWING REVIEW BRANCH	12. EXAMINER
13. DRAWING REVIEW BRANCH	14. EXAMINER
15. DRAWING REVIEW BRANCH	16. EXAMINER
17. DRAWING REVIEW BRANCH	18. EXAMINER
19. DRAWING REVIEW BRANCH	20. EXAMINER
21. DRAWING REVIEW BRANCH	22. EXAMINER
23. DRAWING REVIEW BRANCH	24. EXAMINER
25. DRAWING REVIEW BRANCH	26. EXAMINER
27. DRAWING REVIEW BRANCH	28. EXAMINER
29. DRAWING REVIEW BRANCH	30. EXAMINER
31. DRAWING REVIEW BRANCH	32. EXAMINER
33. DRAWING REVIEW BRANCH	34. EXAMINER
35. DRAWING REVIEW BRANCH	36. EXAMINER
37. DRAWING REVIEW BRANCH	38. EXAMINER
39. DRAWING REVIEW BRANCH	40. EXAMINER
41. DRAWING REVIEW BRANCH	42. EXAMINER
43. DRAWING REVIEW BRANCH	44. EXAMINER
45. DRAWING REVIEW BRANCH	46. EXAMINER
47. DRAWING REVIEW BRANCH	48. EXAMINER
49. DRAWING REVIEW BRANCH	50. EXAMINER
51. DRAWING REVIEW BRANCH	52. EXAMINER
53. DRAWING REVIEW BRANCH	54. EXAMINER
55. DRAWING REVIEW BRANCH	56. EXAMINER
57. DRAWING REVIEW BRANCH	58. EXAMINER
59. DRAWING REVIEW BRANCH	60. EXAMINER
61. DRAWING REVIEW BRANCH	62. EXAMINER
63. DRAWING REVIEW BRANCH	64. EXAMINER
65. DRAWING REVIEW BRANCH	66. EXAMINER
67. DRAWING REVIEW BRANCH	68. EXAMINER
69. DRAWING REVIEW BRANCH	70. EXAMINER
71. DRAWING REVIEW BRANCH	72. EXAMINER
73. DRAWING REVIEW BRANCH	74. EXAMINER
75. DRAWING REVIEW BRANCH	76. EXAMINER
77. DRAWING REVIEW BRANCH	78. EXAMINER
79. DRAWING REVIEW BRANCH	80. EXAMINER
81. DRAWING REVIEW BRANCH	82. EXAMINER
83. DRAWING REVIEW BRANCH	84. EXAMINER
85. DRAWING REVIEW BRANCH	86. EXAMINER
87. DRAWING REVIEW BRANCH	88. EXAMINER
89. DRAWING REVIEW BRANCH	90. EXAMINER
91. DRAWING REVIEW BRANCH	92. EXAMINER
93. DRAWING REVIEW BRANCH	94. EXAMINER
95. DRAWING REVIEW BRANCH	96. EXAMINER
97. DRAWING REVIEW BRANCH	98. EXAMINER
99. DRAWING REVIEW BRANCH	100. EXAMINER

REVIEWER'S NAME AND TELEPHONE NUMBER

TECHNICAL STAFF

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.